IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prior Application: A. KIUCHI et al

Serial No. 09/973,734 Filed: October 11, 2001

Group Art Unit:

2124 C. Ngo

Examiner:

For:

A DATA PROCESSING DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure, the applicants inform the Examiner of the documents cited during prosecution of the parent application, Serial No. 09/973,734.

The above-referenced patent application is a continuation application of U.S. Serial No. 09/973,734 filed October 11, 2001, which is a continuation application of U.S. Serial No. 09/213,260, filed December 17, 1998 (abandoned), which is a divisional application of U.S. Serial No. No. 08/725,481 filed October 4, 1996, now U.S. Patent No. 5,884,092, from which priority is claimed under 35 U.S.C. § 120.

IDS H-593-04

Applicants request the Examiner to initial and return a copy of the attached PTO-1449 form to indicate that the references have been considered.

Respectfully submitted,

John R. Mattingly

Registration No. 30,293 Attorney for Applicant(s)

MATTINGLY, STANGER & MALUR 1800 Diagonal Road, Suite 370 Alexandria, Virginia 22314 (703) 684-1120

Date: October 29, 2003

FORM PTO-1449 (REV. 7-80)			U.S. DEPARTN PATENT AND	IENT OF COMMER TRADEMARK OFFI	CE ATTY. DOCKET NO.	SERIAL NO.			
			S CITED BY APPLICANT		APPLICANT A. KIUC	HI et al			 -
		(Use several sh	eets if necessary	,	FILING DATE 10/29/03	C	GROUP 2124		
				U. S. PATENT	DOCUMENTS				
• EXAMINER INITIAL		DOCUMENT	DATE		NAME	CLASS	SUBCLASS	FILING	DATE
	АА	5,630,153	05/13/97	Intrater et al					
	АВ	5,590,357	12/31/96	Intrater et al					
	AC	5,588,118	12/24/96	Mandava et al					
	AD	5,537,601	07/16/96	Kimura et al					
	ΑE	5,507,000	04/09/96	Stewart et al					
	AF	5,379,394	01/03/95	Goto					
	AG	4,912,636	03/27/90	Magar et al					
	АН	5,521,856	05/1996	Shiraishi					
	ΑI	5,579,253	11/1996	Lee et al					
	AJ	5,363,322	11/1994	Gergen et	al				
	AK	4,841,468	06/1989	Miller et	al				
			FO	REIGN PATEN	F DOCUMENTS			_	
		DOCUMENT	DATE	COUNTRY		CLASS	SUBCLASS	TRANS	NO
	AL								
	АМ								
	AN								
	AO								
	АР								
		0	THER DOCUM	MENTS (Including	Author, Title, Date, Pert	inent Pages, etc.)	· • · · · · · · · · · · · · · · · · · ·		
	AR			23, 1992, No. 56 p. 99-112, and En	8, "SH Series Incorporation glish translation.	ng DSP			
	AS			· · · · · · · · · · · · · · · · · · ·					
	ļ <u></u>								
	AT								
EXAMINER	I		······································	D	ATE CONSIDERED				
* EXAMINER	: Initial	if reference considered, w	hether or not citation is	in conformance with MI	PEP 609: Draw line through citation	on if not in conformance :	and not considered.		

FORM PTO-1449 (REV. 7-80)			U.S. DEPARTI PATENT AND	MENT OF COMMERCE TRADEMARK OFFICE	ATTY. DOCKET NO. SE H-593-04 APPLICANT			SERIAL NO.			
L	IST		TS CITED BY A		A. KIUCHI et al						
			sheets if necessa		FILING DATE		GROUP				
					10/29/03		2124				
*EXAMINER DOCUMENTS CLASS SUPPLIAGE FILING DATE											
INITIAL		DOCUMENT DATE			NAME	CL	ASS	SUBCLASS		opriate)	
	AA	5,844,092	03-1999	Kiuchi et al	<u>-</u>						
	АВ		_					<u> </u>			
	AC										
	AD										
	AE										
	AF										
	AG										
	АН										
	AI										
	AJ										
	AK										
	-			FOREIGN PATE	NT DOCUMENTS						
		DOCUMENT	DATE	C	COUNTRY	Cl	_ASS	SUBCLASS	TRANS YES	LATION NO	
	AL										
	АМ			_							
	AN										
	AO										
	AP										
			OTHER DOCU	MENTS (Including Au	thor, Title, Date, Pertiner	nt Pages,	etc.)				
	AR										
	AS									_	
	АТ										
EXAMINER				[0	DATE CONSIDERED						
		•									
EXAMINE	H: Initi	al if reference consider	ed, whether or not citati-	on is in conformance with MPEP	609; Draw line through citation if no	t in conforman	ice and not	considered. Include	e copy of th	is form with	